Amendments to the Claims:

Please amend the claims as indicated.

1.   (Currently Amended) A global on-demand management apparatus for user control of a system resource on a grid computing system, the apparatus comprising:

a global user input module configured to allow a user to input a parameter control request, the parameter control request corresponding to a performance parameter stored in a profile in a memory device of the grid computing system;

a global parameter module configured to dynamically update~~change~~ the performance parameter according to the parameter control request during a concurrent grid system operation, the performance parameter corresponding to a performance resource; and

a global reservation module configured to reserve the performance resource with the updated performance parameter for a~~the~~ grid computing operation.

2.   (Currently Amended) The apparatus of claim 1, wherein the performance parameter is a network performance parameter, wherein the network performance parameter is one of network accessibility, network bandwidth allocation, and grid allocation hierarchy.

3.   (Canceled)

4.   (Original) The apparatus of claim 1, wherein the performance parameter is a client performance parameter.

5.   (Currently Amended) The apparatus of claim 4, wherein the client performance parameter comprises~~is one of~~ client accessibility, client bandwidth allocation, processor allocation, storage allocation, memory allocation, backup recoverability, and backup proximity.

6.   (Original) The apparatus of claim 1, wherein the global reservation module is further configured to terminate the reservation of the performance resource in response to a client

-3-

reclamation operation, the client reclamation operation reclaiming the performance resource and making the performance resource unavailable to the grid computing system.

7.   (Currently Amended) The apparatus of claim 6, wherein the global reservation module is further configured to reserve another performance resource for the grid computing operation, wherein the other performance resource ~~similar to~~ is the same type of performance resource as the reclaimed performance resource.

8.   (Original) The apparatus of claim 1, further comprising a global profile management module configured to store a network profile, the network profile comprising a network performance parameter of a network performance resource available to the grid computing system.

9.   (Original) The apparatus of claim 1, further comprising a global profile management module configured to store a global client profile, the global client profile descriptive of a global client performance resource parameter.

10.   (Original) The apparatus of claim 1, further comprising a global profile management module configured to store a plurality of client profiles, each of the plurality of client profiles comprising a client performance parameter of a client performance resource available to the grid computing system.

11.   (Original) The apparatus of claim 10, further comprising a global profile synchronization module configured to synchronize one of the stored client profiles with a local client profile stored on a client.

12.   (Original) The apparatus of claim 1, further comprising a global profile management module configured to store a plurality of profile histories, each of the plurality of profile histories comprising a history of a performance parameter resource.

13.   (Original) The apparatus of claim 12, wherein the global profile management module is further configured to communicate one of the plurality of profile histories to a subscription manager, the subscription manager configured to calculate a client subscription fee based at least in part on the one of the plurality of profile histories.

14.   (Currently Amended) A local on-demand management apparatus for user control of a system resource on a grid computing system, the apparatus comprising:

     a client user input module configured to allow a user to input a client parameter control request, the parameter control request corresponding to a client performance parameter of the grid computing system, the client performance parameter corresponding to a client performance resource;

     a client allocation module configured to allocate the client performance resource to the grid computing system during a concurrent grid system operation;

     a client profile management module configured to store a client profile in a memory device, the client profile comprising the client performance parameter of the client performance resource allocated to the grid computing system; and

     a client profile synchronization module configured to synchronize the client performance parameter with one of a plurality of client profiles stored on a global on-demand apparatus during the grid system operation.

15.   (Original) The apparatus of claim 14, further comprising a client parameter module configured to dynamically change the client performance parameter according to the client parameter control request.

16.   (Original) The apparatus of claim 14, further comprising a client reclamation module configured to reclaim the client performance resource and make the client performance resource unavailable to the grid computing system in response to a client reclamation operation.

17.   (Original) The apparatus of claim 14, wherein the client user input module receives the client parameter control request from the global on-demand apparatus.

18.   (Original) The apparatus of claim 14, wherein the client performance parameter is one of client accessibility, client bandwidth allocation, processor allocation, storage allocation, memory allocation, backup recoverability, and backup proximity.

19.   (Currently Amended) A system for user control of a system resource on a grid computing system, the system comprising:

        a local on-demand management apparatus connected to the grid computing system, the local on-demand apparatus having local access to and control of a performance resource;

        a global on-demand management apparatus connected to the grid computing system, the global on-demand apparatus configured to communicate with the local on-demand apparatus;

        a user input module configured to allow a user to input a parameter control request, the parameter control request corresponding to the performance resource, wherein the performance resource corresponds to a performance parameter stored in a profile in a memory device of the grid computing system;

        an allocation module configured to allocate the performance resource to the grid computing system during a concurrent grid system operation; and

        the global on-demand management apparatus further configured to dynamically update the performance parameter according to the parameter control request during the grid system operation; and

        a reservation module configured to reserve the performance resource with the updated performance parameter for thea grid computing operation.

20.   (Original) The system of claim 19, further comprising a subscription manager configured to determine a user fee associated with the local on-demand management apparatus, the user fee based at least in part on the allocation of the performance resource to the grid computing system.

21.   (Original) The system of claim 19, further comprising a subscription manager configured to manage the allocated performance resource and to control the level of service available to the local on-demand management apparatus, the level of service based at least in part on the allocation of the performance resource to the grid computing system.

22.   (Currently Amended) A method for user control of a system resource on a grid computing system, the method comprising:

allowing a user to input a parameter control request, the parameter control request corresponding to a performance parameter stored in a profile in a memory device of the grid computing system;

dynamically ~~changing~~ updating the performance parameter according to the parameter control request during a concurrent grid system operation, the performance parameter corresponding to a performance resource; and

reserving the performance resource with the updated performance parameter for ~~the~~a grid computing operation.

23.   (Original) The method of claim 22, further comprising storing a profile, the profile comprising the performance parameter of the network performance resource available to the grid computing system, wherein the profile is one of a network profile, a global client profile, and a client profile.

24.   (Original) The method of claim 22, wherein the method further comprises terminating the reservation of the performance resource in response to a client reclamation operation, the client

reclamation operation reclaiming the performance resource and making the performance resource unavailable to the grid computing system.

25.   (Currently Amended) A method for user control of a system resource on a grid computing system, the method comprising:

allowing a user to input a parameter control request, the parameter control request corresponding to a performance parameter of the grid computing system;

dynamically updating~~changing~~ the performance parameter according to the parameter control request during a concurrent grid system operation, the performance parameter corresponding to a performance resource;

reserving the performance resource with the updated performance parameter for the~~a~~ grid computing operation;

terminating the reservation of the performance resource in response to a client reclamation operation, the client reclamation operation reclaiming the performance resource and making the performance resource unavailable to the grid computing system;

reserving another performance resource for the grid computing operation, wherein the other performance resource ~~similar to~~ is the same type of performance resource as the reclaimed performance resource;

storing a network profile, the network profile comprising a network performance parameter of a network performance resource available to the grid computing system;

storing a global client profile in a memory device, the global client profile descriptive of a global client performance resource parameter;

storing a plurality of client profiles, each of the plurality of client profiles comprising a client performance parameter of a client performance resource available to the grid computing system; and

synchronizing one of the stored client profiles with a local client profile stored on a client.

26.   (Currently Amended) A memory device storing executable code executed by a processorcomputer-readable storage medium comprising computer-readable code configured to that carriesy out a method for user control of a system resource on a grid computing system, the method comprising:

allowing a user to input a parameter control request, the parameter control request corresponding to a performance parameter of the grid computing system;

dynamically changing-updating the performance parameter according to the parameter control request during a concurrent grid system operation, the performance parameter corresponding to a performance resource; and

reserving the performance resource with the updated performance parameter for thea grid computing operation.

27.   (Currently Amended) The memory devicecomputer-readable storage medium of claim 26, wherein the performance parameter is one of network accessibility, network bandwidth allocation, and grid allocation hierarchy.

28.   (Currently Amended) The memory devicecomputer-readable storage medium of claim 26, wherein the performance parameter is one of client accessibility, client bandwidth allocation, processor allocation, storage allocation, memory allocation, backup recoverability, and backup proximity.

29.   (Currently Amended) The memory devicecomputer-readable storage medium of claim 26, wherein the method further comprises terminating the reservation of the performance resource in response to a client reclamation operation, the client reclamation operation reclaiming the performance resource and making the performance resource unavailable to the grid computing system.

30. (Currently Amended) The memory device~~computer-readable storage medium~~ of claim 26, wherein the method further comprises reserving another performance resource for the grid computing operation, wherein the other performance resource ~~similar to~~ is the same type of performance resource as the reclaimed performance resource.

31. (Currently Amended) The memory device~~computer-readable storage medium~~ of claim 26, wherein the method further comprises storing a network profile, the network profile comprising a network performance parameter of a network performance resource available to the grid computing system.

32. (Currently Amended) The memory device~~computer-readable storage medium~~ of claim 26, wherein the method further comprises storing a global client profile, the global client profile descriptive of a global client performance resource parameter.

33. (Currently Amended) The memory device~~computer-readable storage medium~~ of claim 26, wherein the method further comprises storing a plurality of client profiles, each of the plurality of client profiles comprising a client performance parameter of a client performance resource available to the grid computing system.

34. (Currently Amended) The memory device~~computer-readable storage medium~~ of claim 26, wherein the method further comprises synchronizing one of the stored client profiles with a local client profile stored on a client.

35. (Currently Amended) The memory device~~computer-readable storage medium~~ of claim 26, wherein the method further comprises storing a plurality of profile histories, each of the plurality of profile histories comprising a history of a performance parameter resource.

36.   (Currently Amended) The memory devicecomputer readable storage medium of claim 35, wherein the method further comprises communicating one of the plurality of profile histories to a subscription manager, the subscription manager configured to calculate a client subscription fee based at least in part on the one of the plurality of profile histories.

37.   (Currently Amended) An apparatus for user control of a system resource on a grid computing system, the apparatus comprising:

means for allowing a user to input a parameter control request, the parameter control request corresponding to a performance parameter of the grid computing system;

means for dynamically changing updating the performance parameter according to the parameter control request during a concurrent grid system operation, the performance parameter corresponding to a performance resource; and

means for reserving the performance resource with the updated performance parameter for thea grid computing operation.

38.   (New) The apparatus of claim 1, the apparatus further comprising:

a client user input module configured to allow the user to input a client parameter control request, the parameter control request corresponding to a client performance parameter of the grid computing system, the client performance parameter corresponding to the performance resource;

a client allocation module configured to allocate the performance resource to the grid computing system during the concurrent grid system operation;

a client profile management module configured to store a client profile in a memory device, the client profile comprising the client performance parameter of the performance resource allocated to the grid computing system; and

-11-

a client profile synchronization module configured to synchronize the client performance

parameter with the profile stored on the global on-demand apparatus during the

concurrent grid system operation.